FORM PTO-1449 (Modified)				Attorney Docket No.: 005284.00196 Application No.: TBA				
LIST OF PATENTS AND PUBLICATIONS FOR				Applicant: DAVID HUNG et al.				
APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				Filing Date: June 27, 20	03	Group: 3763		
Refe	rence Desig	nation		J.S. PATENT DOCUMEN	TS		Page 1 <sub>0f</sub>	
Examiner Initial Document No. Date		Date	Name Class		Sub-class	Filing Date (If Appropriate)		
2	KAA	3,608,540	09/28/00	Sartorius				
	AB	3,786,801	1/22/74	Sartorius				
	AC	3,821,956	7/2/74	Gordhammer, et al.				
	AD	4,406,653	9/27/83	Nunez				
	AE	4,543,087	9/24/85	Sommercom, et al.				
	AF	4,613,329	9/23/86	Bodicky				
	AG	4,739,768	4/26/88	Engelson				
	AH	4,790,830	12/13/88	Hamacher				
-	AI	4,795,424	1/3/89	Barner, et al.				
	AJ	4,878,903	11/07/89	Mueller				
•	AK	4,957,484	9/18/90	Murtfeldt			·	
	AL	5,176,647	1/5/93	Knoepfler				
	AM	5,183,470	2/2/93	Wetterman				
	AN	5,279,551	1/18/94	James				
	AO	5,300,022	04/05/94	Klapper et al.				
	AP	5,333,609	8/2/94	Bedingham, et al.				
	AQ	5,350,358	9/27/94	Martin				
	AR	5,364,344	11/15/94	Beattie, et al.				
	AS	5,368,574	11/29/94	Antonacci, et al.				
	AT	5,593,393	1/14/97	Trudell, et al.				
	AU	5,599,324	2/4/97	McAlister				
	_ AV	5,637,102	6/10/97	Tolkoff, et al.				
	AW	5,649,909	7/22/97	Cornelius				
	AX	5,683,640	11/4/97	Miller, et al.				
	AY	5,702,365	12/30/97	King			ŕ	
	AZ	5,704,925	1/6/98	Otten et al.				
	ВА	5,795,326	8/18/98	Siman				
	BB	5,797,869	8/25/98	Martin et al.				
	BC	5,807,329	9/15/98	Gelman				
	BD	5,810,789	09/22/98	Powers et al.				
	BE	5,810,867	9/22/98	Zarbatany				
S	BF	5,827,237	10/27/98	Macoviak et al.				
	<del></del>							
			FOR	EIGN PATENT DOCUM	ENTS		· · · · · · · · · · · · · · · · · · ·	
		Document No.	Date	Country	Class	Sub-class	Translation (Yes/No)	
8	KBG	EP 448,395	09/25/91	Europe				

Skennedy

7/20/04

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO
INFORMATION DISCLOSUR

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 2. of 5

Complete if Known					
Application Number	TBA				
Filing Date	June 27, 2003				
First Named Inventor	David Hung				
Group Art Unit	3763				
Examiner Name	Unknown				
Attorney Docket Number	005284.00196				

-			U.S. PATENT	DOCUMENTS	·
Examiner	Cite No.1.	Document Number	Publication Date MM-DD-YYYY	Name of Patentes or Applicant of Cited Document	Pagas, Columns, Lines, Where Relevant Passages or Relevant
Initials *	No.	Number - Kind Code <sup>2</sup> (if known)			Figures Appear
XX		US-4,925,452	05/15/1990	Melinyshyn et al.	
	ļ	US- 5,322,519	08/21/1994	Ash	
		US- 5,891,111	04/06/1999	Ismael	
		US- 5,904,715	05/18/1999	Jeter et al.	
		US- 6,221,622	04/24/2001	Love	
XX		US- 5,683,420	11/04/1997	Jeter et al.	•
		US-			
		ŲS-			
		US-	The second control of		
•	7.	US-			
		US-			
	,	US-			
		ÜS-			
		US-			
······································		US-			
	1	US-			
		US-			
		US-			
•		US-			
		US-			

Cunnelina	0.40	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines, Where Relevant	
Examiner Initials*	Cite No.1	Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	Data	Applicant of Cited Document	Passages or Relevant Figures Appear	T <sup>6</sup>
<del></del>	· · ·					
<del> </del>				•		
<del></del>						
- pro- pro- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	· · · · · · · · · · · · · · · · · · ·					
			en de la companya de La companya de la companya de			
	<del></del>			pr - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		
	<del> </del>				· · · · · · · · · · · · · · · · · · ·	·
·*·· · ·				, ,	······································	

·			 	
Examiner Signature	Skennedy	Date Considered	7/20/04	<u> </u>

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

<sup>&</sup>lt;sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08A (10-01)

Approved for use through 10/31/2002, OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a yalid OMB control number

Substitute for form 1449A/PTO		Complete if Known			
WEODIA TION DIOOLOGUEE	Application Number	To Be Assigned			
INFORMATION DISCLOSURE	Filing Date	June 27, 2003			
STATEMENT BY APPLICANT	First Named Inventor	David Hung			
	Group Art Unit	3763			
(use as many sheets as necessary)	Examiner Name	Unknown			
Sheet 3 of 5	Attorney Docket Number	005284.00196			

Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
SK		Barsky, et al. "Pathologic analysis of breast duct endoscoped mastectomies" Proc. Annual Meeting Am. Assoc Cancer Res. 34, abstracts #67	
		"Breast Fluid Cells Help In Early Cancer Detection" JAMA, Vol. 224, No. 6, May 7, 1973	
		Leborgne, "The Breast In Roentegen Diagnosis", Uruguay 1953	
		Makita, et al. "Duct Endoscopy and Endoscopic Biopsy in the Evaluation of Nipple Discharge", Breast Cancer Research and Treatment, 18: 179-188, 1991	
SK		Okazaki, et al., "Relationship Between Cytologic Results and the Extend of Intraductal Spread in Nonpalpable Breast Cancers With Nipple Discharge", Tumor Res. 31, 89-97, 1996	
· · · · · · · · · · · · · · · · · · ·			
			•
• • • • • • • • • • • • • • • • • • • •			
<del> </del>			

				والمستجهل والمستجهل والمستجهل والمستحدد والمستحدد والمستحدد والمستحدد والمستحدد والمستحدد والمستحدد والمستحدد	
-	Examiner	91/	Date	7/20/04	
ı	Signature	Skennedy	Considered		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Compl te if Known Substitute for form 1449A/PTO **Application Number** TBA INFORMATION DISCLOSURE June 27, 2003 Filing Date STATEMENT BY APPLICANT **David Hung** First Named Inventor 3763 **Group Art Unit** Unknown (use as many sheets as necessary) **Examiner Name** 005284.00196 **Attorney Docket Number** Sheet

	· · · · · · · · · · · · · · · · · · ·		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	· ·	
Examiner Initials *				T²	
2	×		Wrensch et al, Breast Cancer Res Treat, Factors associated with obtaining nipple aspirate fluid: Analysis of 1428 women and literature review, Vol. 15, pp 39-21, 1990		
			Wrensch et al. Breast Fluid Cholesterol and Cholesterol B-Epoxide Concentrations in Women with Benign Breast Disease, Cancer Res., Vol. 49,pp 2168-2174, 1989		
			Mechanical Engineering, Vol. 118 (10), pp 65-68, 1996		
	•		King et al, Analytic Studies of Foam Cells From Breast Cancer Precursors, Cytometry, Vol. 5, pp 124-130, 1984	•	
			King et al. Cellular Composition of the Nipple Aspirate Specimen of Breast Fluid, A.J.C.P., Vol. 64, pp 739-748, 1975	•··· ··· ··	
			King et al, Cellular Composition of the Nipple Aspirate Specimen of Breast Fluid, A.J.C.P., Vol. 64, pp 728-738, 1975		
			Masood et al, The Missing Link: A "Pap Smear" For Early Breast Cancer Detection and Prevention, The Breast Journal, Vol. 5, pp 1-2, 1999		
			Sartorius et al, Cytologic Evaluation of Breast Fluid in the Detection of Breast Disease, Journal of National Cancer, Vol. 59, pp 1073-1080, 1977		
			Sauter et al. Nipple aspirate fluid: a promising non-invasive method to identify cellular markers of breast cancer risk, British J. Cancer, Vol. 76(4), pp 494-501, 1997		
•	1		Wrensch et al. Breast Cancer Incidence in Women with Abnormal Cytology in Nipple Aspirates of Breast Fluid, Amer J. Epid., Vol. 135, pp 130-141, 1992		
8	K		Frykberg and Masood Copeland EM 3d Bland KI., (Ductal carcinoma in situ of the breast) Surgery, Gynecology & Obstetrics, Vol. 177 (4), pp 425-40, 1993		

	·					
Examiner		1	Date			
·	J () .(.	/			712010	V
Signature	1 & 1	lennedy		sidered	110010	<u> </u>
[5		W 1 0 1 - 0 0 - X	·		والبروس المستون والمستوي	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08A (10-01)

Approved for use through 10/31/2002, OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO Complet if Known **Application Number** TBA INFORMATION DISCLOSURE June 27, 2003 Filing Date STATEMENT BY APPLICANT **David Hung** First Named Inventor 3763 Group Art Unit Unknown : (use as many sheets as necessary) **Examiner Name** 005284.00196 **Attorney Docket Number** 5 Sheet

.•		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS		
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>	
SK		Papanicolaou et al, Exfoliative Cytology Of The Human Mammary Gland And Its Value In The Diagnosis Of Cancer And Other Diseases Of The Breast, Cancer, Vol. 11, pp 377-409, 1958	·	
		Goodson WH & King EB, Chapter 4: Discharges and Secretions of the Nipple, The Breast: Comprehensive Management of Benign and Malignant Diseases, 2 <sup>nd</sup> Ed., Bland & Kirby Eds. W.B. Saunders Col, Philadelphia, PA, Vol. 2,, pp 51-74, 1998		
		King et al, Nipple Aspirate Cytology for the Study of Breast Cancer Precursors, Journal of the National Cancer Institute, Vol 71(8), pp 1115-21, 1983	 	
	,	Wrensch et al. Breast Cancer Incidence in Women with Abnormal Cytology in Nipple Aspirates of Breast Fluid, Am. J. Epidemiology, Vol. 135 (2), pp 130-141, 1992		
		Sauter et al. Nipple aspirate fluid: a promising non-invasive method to identify cellular markers of breast cancer risk, British Journal of Cancer, Vol. 76 (4), pp 494-501, 1997		
		Sartorius et al, Cytologic Evaluation of Breast Fluid in the Detection of Breast Disease, Journal of the National Cancer Institute, Vol. 59 (4), pp 1073-80, 1977.		
	•	Love and Barsky, Breast-duct endoscopy to study stages of cancerous breast disease, Lancet, Vol. 348(9033), pp 997-9, 1996		
		Makita et al, Duct endoscopy and endoscopic biopsy in the evaluation of nipple discharge, Breast Cancer Res Treat Vol. 18, pp 179-188, 1991		
		Okazaki et al, Fiberoptic Ductoscopy of the Breast: A New Diagnostic Procedure for Ni[pple Discharge, ; Jpn J. Clin. Oncol. Vol. 21, pp 188-193, 1991		
		Petrakis, Studies on the Epidemiology and Natural History of Benign Breast Disease and Breast Cancer Using Nipple Aspirate Fluid, Cancer Epidemiology, Biomarker Prev., Vol. 2, pp 3-10, 1993	•	
SK		Petrakis, Psysiologic, biochemical, and cytologic aspects of nipple aspirate fluid, Breast Cancer Res. Treat, Vol. 8, pp 7-19, 1986	·	

		- "	<del></del>	1	1
Examiner	0 1/	Date			DI.
Signature	& Kennedy	Considered	1	100	109

EXAMINER: Initial if reference considered, whether or not chation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.